

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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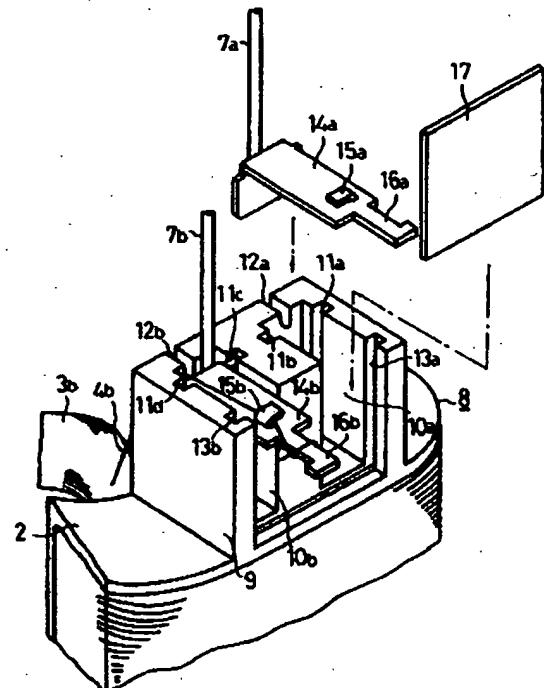
APPLICATION DATE : 25-03-85  
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APPLICANT : MITSUBISHI ELECTRIC CORP;

INVENTOR : KIEDA KOUKI;

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TITLE : TERMINAL BED ACTING AS  
INSULATOR FOR ROTARY ELECTRIC  
MACHINE IN COMBINATION



ABSTRACT : PURPOSE: To improve the working property of the connection of lead wires, by arranging the tip sections of terminal pieces connected with lead wires on the power source side, to be longish and to be of small diameter sections, and by forming clicks for fusion-welding lead wires.

CONSTITUTION: Lead wires 7a, 7b on the power source side are connected to terminal pieces 14a, 14b by caulking, and the vertical pieces of the terminal pieces 14a, 14b are inserted into grooves 11a-11d respectively to be fixed. Then, the lead wires 4a, 4b of stator coils 3a, 3b are led around the small diameter sections of terminal piece tip sections 16a, 16b through the grooves 12a, 12b of a housing section 9 and the clicks 15a, 15b of the terminal pieces 14a, 14b, and the sections of the clicks 15a, 15b are welded by fusing. Then, the terminal piece tip sections 16a, 16b and the tip sections of lead wires are cut off. Then, after film units 17 are inserted into grooves 13a, 13b, resin is injected through the upper sections of each chamber 10a, 10b.

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